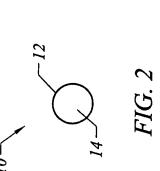
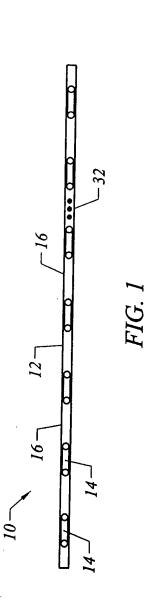
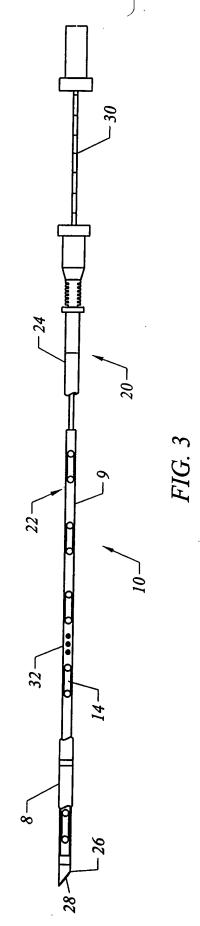


DELIVERY SYSTEM AND METHOD FOR INTERSTITIAL RADIATION
THERAPY USING SEED STRANDS WITH CUSTOM END SPACING
No.: WORLD-01000USB Inventor(s): Terwilliger et al.
10/619,928 Attorney: Sheldon R. Meyer
No.: 6815 Phone: (415) 362-3800
11y 15, 2003 Sheet 1 of 5 Title:

Docket No.: WORLD-01000USB Appl. No.: 10/619,928 Confirm No.: 6815 Filed: July 15, 2003







Title: DELIVERY SYSTEM AND METHOD FOR INTERSTITIAL RADIATION THERAPY USING SEED STRANDS WITH CUSTOM END SPACING Docket No.: WORLD-01000USB Inventor(s): Terwilliger et al.

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| 0.00cm 1.00cm 2.0cm 3.00cm 4.00cm 5.00cm 0.50cm 1.50cm 2.50cm 3.50cm 4.50cm | National Resident Programmer Control of the Control | | | | | | A STATE OF THE STA | | | | | | Secretary Resident Resident | | | | | NEWSCHI PROPERTY INCOME. | National National | PREMIUM PREMIU | | 0.00cm 1.00cm 2.0cm 3.00cm 4.00cm 5.00cm | 0cm 2.50cm 3.50cm 4.50 |
|---|--|------|------|------|------|------|--|------|------|------|--------|------|-----------------------------|------|------|------|------|--------------------------|-------------------|--|------|--|------------------------|
| Number of Seeds | 3 | 5 | 5 | 3 | 3 | 5 | 5 | 3 | 2 | 4 | 2 | 2 | 4 | 2 | 3 | 2 | 2 | 3 | 2 | 4 | 3 | | FIG 4A |
| Hole Location | 64.0 | c4.0 | d4.0 | e4.0 | B3.5 | C3.5 | E3.5 | F3.5 | a3.0 | b3.0 | c3.0 | d3.0 | e3.0 | f3.0 | B2.5 | C2.5 | E2.5 | F2.5 | a2.0 | 62.0 | c2.0 | | H |
| Retraction (cm) | 1.00 | 0.00 | 0.00 | 1.00 | 1.50 | 0.50 | 05.0 | 1.50 | 2.00 | 1.00 | , 00'0 | 0.00 | 1.00 | 2.00 | 1.50 | 05.0 | 05.0 | 1.50 | 2.00 | 1.00 | 0.00 | | |
| Needle Number | 1 | 2 | 3 | 4 | 5 | 9 | 7 | 8 | 6 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | | |

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| | _ | | | | | | | | | | | | | | | | | | | | | | _ | |
|---|---|------------|-------------------|---|-----|------------------|--------|------------------|---|---|----------|-----|------------|---|-----|-------------|----------|----------|----------|----------|--|----------|-----------------|---------|
| |)cu | | | | | | | | | | | - | | | | | | | | | | | Cm ₂ | |
| | 5.00cm | | | | | | | Name of the last | | | | | | | | | 1 | 5 | | | | Ž | 5.00cm | cm (|
| | 4.00cm 5.0cm 4.50cm | | Name of the | 97.78 | | | | | | | No. | | | | | | | - 1034 | | | | | cm Cm | 4.50cm |
| | m 4.00 3.50cm | | | | | Sec. | No. | New York | - P. C. C. S. | | | | | | | Sacjons | | | S | | NAME OF THE PERSON OF THE PERS | | +.00cm | cm) |
| | \mathbf{z} | 15 | S | Sacrificas | | | | | | | Nation N | | | | No. | | | | | | 823 | | cm (| 3.50cm |
| | m 1.00cm 2.0cm 3.00 0.50cm 1.50cm 2.50cm | | | | | No. of the least | No. | Markey | NEW YORK | | | | | | | | | | Sec. 10 | New Park | | | 3.00cm | 2.50cm |
| | 2.0cm m 2.50 | | N. C. S. S. | N. S. | 500 | | | | | | No. | | | - W. | | | | | | | 47.00 | | CB | 2.5 |
| | 2.0 Jem | | | | | | Sicker | San Carlo | | | | | | | | 505 | | | | | | | 2.0cm | cm |
| | 1.00cm cm 1.50 | \$3. 4. | National National | N. S. C. C. | | | | | | | 1 | | | Wit: | | | | | | | | Nation N | cm [| 1.50cm |
| |)cm cm | | | | | | | | | | | | | N. C. | | | Silve | S | | | | | 0.00cm 1.00cm | 0.50cm |
| | 0.00cm 0.50 | | | | | | | | | | | 883 | 577 | | | | N. T. S. | | | | | | cm | 0.50 |
| • |))) | | | | | | | Ø | A | V | Q | | No. | | A | | V | | V | | | | 0.00 | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | | | | | | | | | | | | | | | | | | | | - | | | | 4 |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | 7IG. 4B |
| | | | | | | | | | | | | | | | | | | | | | | | | T. |

DELIVERY SYSTEM AND METHOD FOR INTERSTITIAL RADIATION
THERAPY USING SEED STRANDS WITH CUSTOM END SPACING Title: Docket No.: WORLD-01000USB Appl. No.: 10/619,928 Inventor(s): Terwilliger et al. Attorney: Sheldon R. Meyer Phone: (415) 362-3800 Sheet 4 of 5 Confirm No.: 6815 Filed: July 15, 2003 *52* · *51* · 51a *51b* - 54a 53 53a-FIG. 5A - 54 - 55 53 53a · 56 - 57 51a 51a FIG. 5B

Title: DELIVERY SYSTEM AND METHOD FOR INTERSTITIAL RADIATION THERAPY USING SEED STRANDS WITH CUSTOM END SPACING

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Sheet 5 of 5

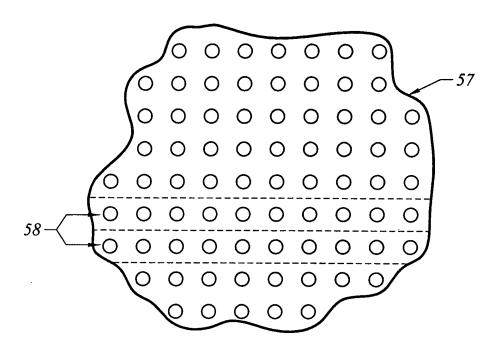


FIG. 5C